<u> </u>		Application N	ımher	d for use through 10/31/2002. OMB 0651-0031 of Office: U.S. DEPARTMENT OF COMMERCE mation unless it displays a valid OMB control number 10/518,430		
TRANSMITTAL	7.75		December 20, 2004			
FORM	First Named I	wenter	SAHA et al.			
(to be used for all correspondence after init	tial filing)	Group Art Unit	- Tremoi	TBA		
to be used for all correspondence after fills	Examiner Nam		TBA			
otal Number of Pages in This Submission	Attorney Docke		43315-211843			
	6	OSURES (check all that apply)				
		ment Papers	і іпат арріу)	After Allowance Communication to		
Fee Transmittal Form		Application)		Group		
Fee Attached	☐ Drawin	g(s)		Appeal Communication to Board of Appeals and Interferences		
Preliminary Amendment / Response	Licensi	ing-related Papers		Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)		
After Final	Petition	n to Correct Invento	orship	Proprietary Information		
Affidavits/declaration(s)		on to Convert to a sional Application		Status Letter		
Extension of Time Request		of Attorney, Revoc e of Corresponden		Other Enclosure(s) (please identify below):		
	Terminal Disclaimer			Declaration		
Express Abandonment Request	Request for Refund					
Information Disclosure Statement	CD, No	D, Number of CD(s)				
Certified Copy of Priority Document(s)	Rema	arks				
Response to Missing Parts/ Incomplete Application		,				
Response to Missing Requirements under 35 U.S.C. 371						
SIGNAT	URE OF	APPLICANT, AT	TORNEY, O	R AGENT		
Firm				*26694*		
or Individual name	vidual name			26694		
PATENT PRADEMARK OFFICE						
Signature Eric J. Franklin, Reg.	Eric J. Franklin, Reg. No. 37,134					
Date December 27, 2005	December 27, 2005					
CERTIFICATE OF MAILING						

Signature

Date

Under the Paperwork Reduction Ac

TOTAL AMOUNT OF PAYMENT

95, no persons are required to respond to a collection of infor

## FEE TRANSMITTAL for FY 2005

Patent fees are subject to annual revision.

130

	Complete if Known	01. 6
Application Number	10/518,430	7 2006
Filing Date	December 20, 2004	DEC 2 7 2005
First Named Inventor	SAHA et al.	18
Examiner Name	ТВА	PADEMAR
Group / Art Unit	TBA	
Attorney Docket No.	43315-211843	

Γ	METHOD OF PAYMENT (check one)					FEE CALCULATION (continued)							
	The Commissioner is hereby authorized to charge					3. ADDITIONAL FEES							
	1.		indic	cated fee	es and credit an	y over payr	nents to:	Fee	Lrg Ent Fee	Fee	Sm Ent	Fee Description	Fee
				_			1	Code	(\$)	Code	(\$)	ree Description	Paid
	Deposit Account		22-0	261				1111	500	2111	250	Utility Search Fee	
	Number		1 22-0	201				1112	100	2112	50	Design Search Fee	
1			L					1113	300	2113	150	Plant Search Fee	
1	Deposit							1114	500	2114	250	Reissue Search Fee	
1	Account	l .	Ven	able LLF	•			1311	200	2311	100	Utility Examination Fee	
	Name							1312	130	2312	65	Design Examination Fee	
1					equired Under		6 and 1.17	1313	160	2313	80	Plant Examination Fee	
L				•	status. See 37	CFR 1.27		1314	600	2314	300	Reissue Examination Fee	
ı	2. 🔲 F	Payment	Enclose	d:				1051	130	2051	65	Surcharge - late filing fee or oath	130
l	☐ Che	eck [	] Credi	t card	☐ Money Order	X Oth	er	1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	
۲				FEE C	ALCULATION			1053	130	1053	130	Non-English specification	
┢		SIO EII II	10 555					1812	2,520	1812	2,520	For filing a request for reexamination	
	Large E	SIC FILIN	nall E	ntity				1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
	Code	ee(\$)	Fee Code	Fee (\$)	Fee Descrip		Fee Paid	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
		00	2011	150	Utility filing fe		<u> </u>	1251	120	2215	60	Extension for reply within first month	
		00 00	2012 2013	100 100	Design filing Plant filing fe			1252	450	2252	225	Extension for reply within second month	
	1014 3	00	2014	150	Reissue filing	fee		1253	1,020	2253	510	Extension for reply within third month	
		00 50	2005 2081	100 125	Provisional fi Utility App. S	-		1254	1,590	2254	795	Extension for reply within fourth month	
	1082 2	50	2082	125	Design App S	Size Fee		1255	2,160	2255	1080	Extension for reply within fifth month	
1	1083 2	50	2083	125	Plant App. Si	ze Fee		1401	500	2401	250	Notice of Appeal	
	1084 2	50	2084	125	Reissue App	Size Fee		1402	500	2402	250	Filing a brief in support of an appeal	
	1085 2	50	2085	125	Prov. App Siz	ze Fee		1403	1,000	2403	500	Request for oral hearing	
l			SUB	TOTAL	(1)		(\$)0	1451	1,510	1451	1,510	Petition to institute a public use proceeding	
┝	a EVIDA	O1 A184						1452	500	2452	250	Petition to revive – unavoidable	
	2. EXTRA	CLAIM	FEE3		Extra	Fee from	Fee	1453	1,500	2453	750	Petition to revive - unintentional	
					Claims	below	Paid	1501	1,400	2501	700	Utility issue fee (or reissue)	
þ	otal Claims		-2	!0 <b>**</b> =	:;	<		1502	800	2502	400	Design issue fee	
tr	dependent			3** =		<	] = [	1503	1,100	2503	550	Plant issue fee	
C	laims	L.		-		`		1807	50	1807	50	Processing fee under 37 CFR 1.17 (q)	
	lultiple ependent				2	<	=	1806	180	1806	180	Submission of Information Disclosure Stmt	
	Large		Small	Entity				8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
	Fee Code 1202	Fee (\$) 50	Fee Code 2202	Fe (\$) 25	ree Desc	ription excess of 2	n	1809	790	2809	395	Filing a submission after final rejection (37 CFR § 1.129(a))	
	1201	200	2201	10	0 Independe	ent claims in	n excess of 3	1810	790	2810	395	For each additional invention to be examined (37 CFR § 1.129(b))	
	a203 01/3 FNEYI 130	1360VV 0000016 0.0V Ck	,0,5 <u>5</u> ,00	261 10	Multiple d 10519Aelssud excess of	independe	aim, if not paid ent claims in	1801	790	2801	395	Request for Continued Examination (RCE)	
	1205	50	· 2205	25	** Reissur over origin		excess of 20 and	Other fo	ee (specif	y)			
96	1 <b>Y</b> 55.38	000001		1252 su	10518430 BTOTAL (2)	(\$)		*Redu	ced by Ba	sic Filin	g Fee Pa	aid SUBTOTAL (3) (\$)130	_
517	Ad 00.081												
L	**or number previously paid, if greater, For Reissues, see above												
1													

SUBMITTED BY Complete (if applicable)

Name (Print/Type) Eric J. Franklin Reg No. Attorney/Agent) 37,134 Telephone 202-344-4000

Signature Date December 27, 2005

IN THE UNITED STATES PATENTS AND TRADEMARK OFFICE

In Re Application of:	SAHA et al. ( DEC 27 1005 E	) Group Art Unit: TBA ) Examiner: TBA
Appl'n No.:	10/518,430	) RESPONSE TO
Filed:	December 20, 2004	) NOTIFICATION OF ) MISSING
Conf. No.:	6766	) REQUIREMENTS
For:	FAULT LOCATION USING MEASUREMENTS OF CURRENT AND VOLTAGE FROM ONE END OF A LINE	) 26694 ) U.S. PATENT AND ) TRADEMARK OFFICE
Atty Dkt.:	43315-211843	)

Mail Stop Missing Parts Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In response to the Notification of Missing Requirements dated October 26, 2005, submitted herewith are the following:

- Copy of Notification of Missing Requirements of Nonprovisional Application;
- Executed copy of Declaration; and
- Surcharge for late filing of Declaration

<u>\$ 130.00</u>

December 27, 2005

Total fees enclosed:

\$ 130.00

Should any greater or lesser fee be required, please charge or credit our Deposit Account No. 22-0261 and advise us accordingly.

Date: 12/27/05

Respectfully submitted,

Eric J. Franklin, Reg. No. 37,134

Attorney for Applicants

VENABLE LLP 575 7<sup>th</sup> Street, NW

Washington, DC 20004 Telephone: (202) 344-4936

Facsimile: (202) 344-8300





### UNITED STATES PATENT AND TRADEMARK OFFICE

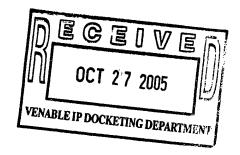
UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Vinginia 22313-1450 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY	Y. DOCKET NO.		
10/518,430	Murari Mohan Saha	43315-211843			
		INTERNATIONAL APPLICATION NO.			
		PCT/SE03/01091			
26694		I.A. FILING DATE	PRIORITY DATE		
VENABLE LLP	DOOLETTE -	06/18/2003	06/20/2002		
P.O. BOX 34385 WASHINGTON, DC 20045-9998 ULIENT/MATT	DOCKETED 3315-				
CLIENT/MAT	TER #21/843 ATTO 80 9_	CONFIRM	ATION NO. 6766		
DUE DATE	6) 100.0/- 0.00	371 FORMALITIES L	ETTER		
FINAL DEADL	INE Day 26, 2006				
DKTED BY	mes of	<del>*O</del> C000000017320615*	4 .		
Date Mailed: 10/26/2005		<del>-</del> ;	عمونية المستوالية		

# NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 12/20/2004
- Copy of the International Search Report filed on 12/20/2004
- Copy of IPE Report filed on 12/20/2004
- Copy of Annexes to the IPER filed on 12/20/2004
- Preliminary Amendments filed on 12/20/2004
- Information Disclosure Statements filed on 12/20/2004
- Request for Immediate Examination filed on 12/20/2004
- U.S. Basic National Fees filed on 12/20/2004
- Priority Documents filed on 12/20/2004
- Specification filed on 12/20/2004
- Claims filed on 12/20/2004
- Abstracts filed on 12/20/2004
- Drawings filed on 12/20/2004



The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

### SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity:

• \$130 Surcharge.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice **MUST** be returned with the response.

VONDA M WALLACE

Telephone: (703) 308-9140 EXT 225

#### PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/518,430	PCT/SE03/01091	43315-211843

FORM PCT/DO/EO/905 (371 Formalities Notice)